



Document	Document Number	Revision	Date
Spec Sheet	FAXB05A02	A	02-Sep-2020

## Duplexer

**P/N : FAXB05A02**

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Revision	Description	Date
A	Initial Release	02-Sep-2020

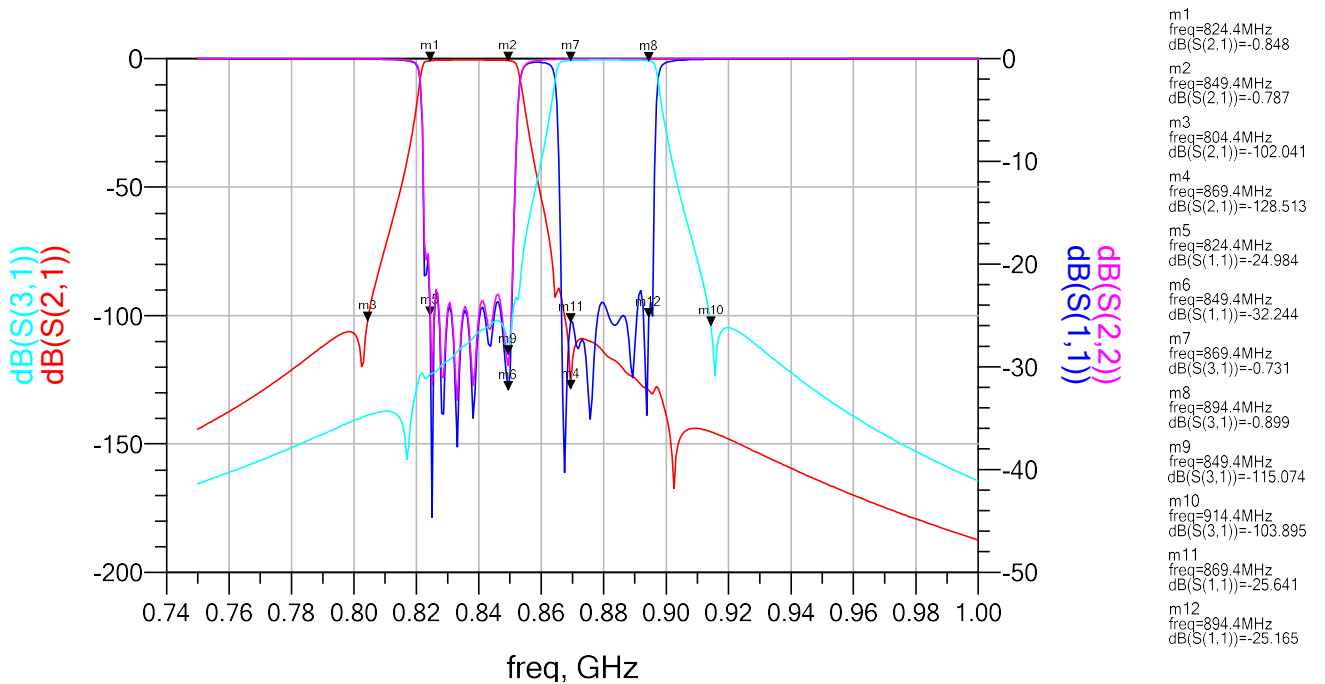


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## 1. Electrical Specifications

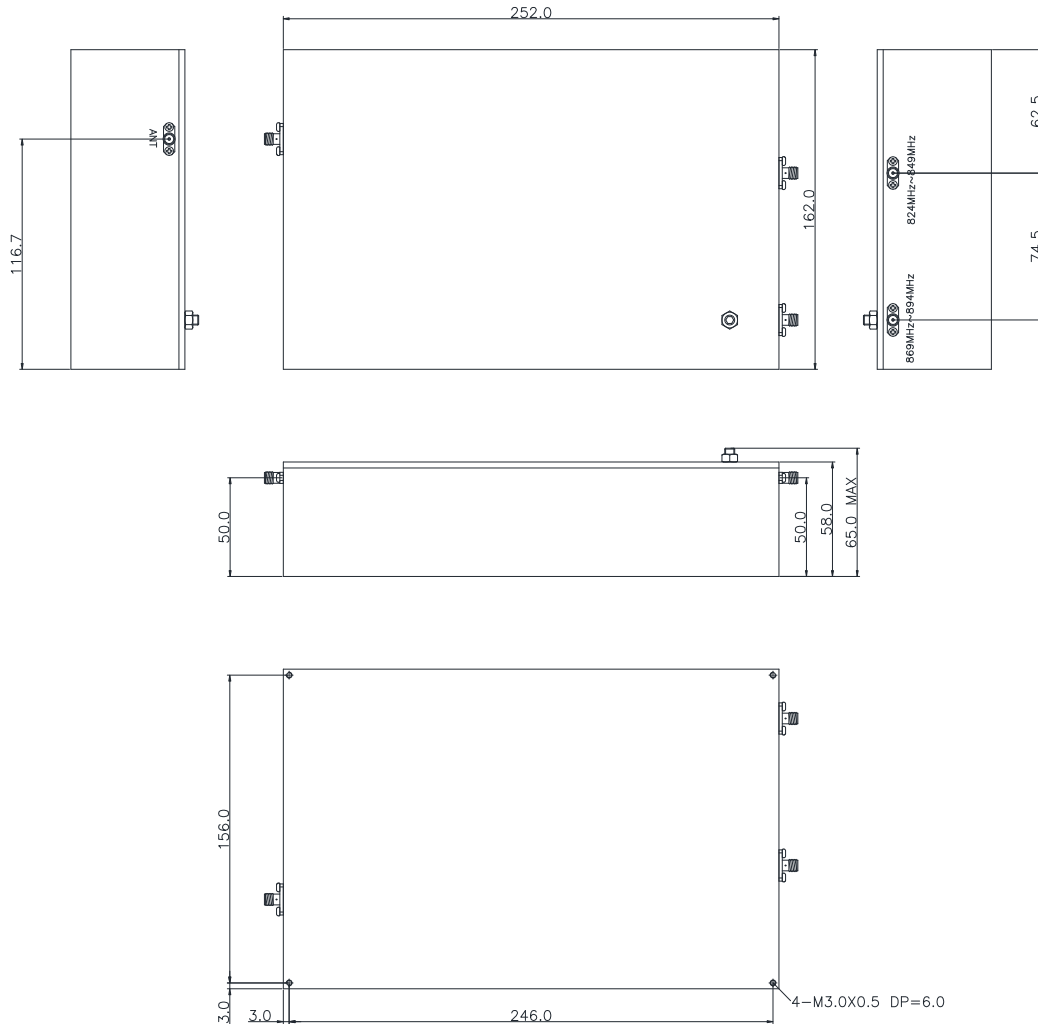
Parameter	Specification		Simulation		Proposal
Pass Band	824 ~ 849MHz	869 ~ 894MHz	824 ~ 849MHz	869 ~ 894MHz	OK
Insertion Loss	1.0dB max.	1.0dB max.	0.84	0.90	1.1
Return Loss	-	-	-	-	18dB min
Attenuation	100.0dB min @ DC ~ ~804MHZ	100.0dB min @ DC~ 849MHZ	102	102	OK
	100.0dB min @ 869~ ~849MHZ	100.0dB min @ 914 ~ 12750MHZ	105	103	80min
Temperature	-30°C - +70°C		-	-	OK
Input Output Impedance	50Ω		-	-	OK
Power Handling	100W CW		-	-	OK

## 2. Simulation Data



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### 3. Mechanical Specification



Parameter	Specification	Proposal
Dimensions	-	252.0x 162.0 x 65.0 Max
Mounting Points	See Outline Drawing	OK
RF Connector	IN-SMA Type, TX,RX-SMA Type	OK
Connector Position	See Outline Drawing	OK
Finish	Black Color Epoxy Coating	OK